



U.S. Army Corps of
Engineers
Honolulu District

PUBLIC NOTICE

Public Notice No.

Date: August 17, 2001

200100433

Reply to:

Respond by: September 16, 2001

Regulatory Branch (CEPOH-EC-R/W.Lennan)
U.S. Army Engineer District, Honolulu
Building 230
Fort Shafter, Hawaii 96858-5440

PN200100433

PROPOSED CHANNEL REPAIRS TO
ALENAIO AND WAIPAHOEHOE STREAMS
HILO, HAWAII

1. **APPLICANT:** Mr. Dennis K.W. Lee, P.E., Director, Department of Public Works, County of Hawaii, 25 Aupuni Street, Hilo, Hawaii 96720
2. **APPLICABLE STATUTORY AUTHORITY:** Section 404 of the Clean Water Act (33 U.S.C. 1344).
3. **LOCATION OF PROPOSED ACTIVITY:** Portions of Alenaio and Waipahoehoe Streams, Hilo, Hawaii, Hawaii.
4. **PROJECT PURPOSE AND DESCRIPTION:** The Department of Public Works (DPW) intends to repair/restore two eroded sections of the stream bank of Alenaio Stream by armoring approximately 250 feet of the northern bank and 180 feet of the southern bank with grouted rubble paving. According to the applicant, stream bank erosion at Alenaio Stream is threatening homes and business. There is a probability of residential and business structures collapsing into the stream. Four residences on the south bank and a warehouse, shed and paved parking area on the north side are affected. The repair/restoration will prevent future erosion and protect the homes and warehouse.

DPW also intends to install cement rubble masonry walls and backfill at two sections of Waipahoehoe Stream. The northern bank repair will be approximately 110 feet long and the southern bank repair will be approximately 70 feet long. The northern stream bank at the outlet of the Chong Street Bridge and along Kaumana Drive has eroded to threaten the roadway and a utility pole. The existing stream bank was damaged and a portion of the roadway undermined. This repair/restoration will prevent future erosion and protect the roadway improvements and utility pole.

The attached drawings show the details of the repair for the two streams.

5. IMPACTS OF THE PROPOSED ACTIVITIES IF AUTHORIZED:

Unavoidable impacts of the proposed project would include temporary increases in turbidity, noise and dust in the immediate area of construction. No long-range adverse impacts are expected. A long-range benefit will be the elimination of erosion in these sections of the two streams.

6. IMPACT ON HISTORIC PROPERTIES:

No significant cultural or archaeological resources are known to exist in the immediate project areas. In the event that unanticipated or inadvertent discovery of historic properties occur during project execution, all work shall be stopped and the State Historic Preservation Office will be notified. This is a general condition that will be included in the Department of Army permit.

This notice has been sent to the State Historic Preservation Officer, the State Office of Hawaiian Affairs, Hui Malama I Na Kupuna, the Keeper of the National Register of Historic Places, and the Secretary of the Interior. Any comments they have regarding historic properties and cultural resources will be considered before a final decision is made on the permit.

7. IMPACT ON ENDANGERED SPECIES: The project will likely not have any effect on any proposed, candidate or listed threatened or endangered species. This notice is being sent to both the U.S. Fish and Wildlife Service and the National Marine Fisheries Services. Any comments they have concerning potential impacts to protected species will be considered before a final decision is made on the permit.

8. ESSENTIAL FISH HABITAT: No adverse impacts to essential fish habitat are expected. This notice has been sent to the National Marine Fisheries Service. Any comments they have concerning potential impacts to essential fish habitat will be considered before a final decision is made on the permit.

9. OTHER GOVERNMENT AUTHORIZATIONS/CERTIFICATIONS:

a. A Water Quality Certification will be required from the State of Hawaii, Department of Health, Clean Water Branch.

b. A Coastal Zone Management Federal Consistency Determination will be required from the State of Hawaii Office of Planning, Coastal Zone Management Program.

10. EVALUATION FACTORS: The decision to issue the permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the

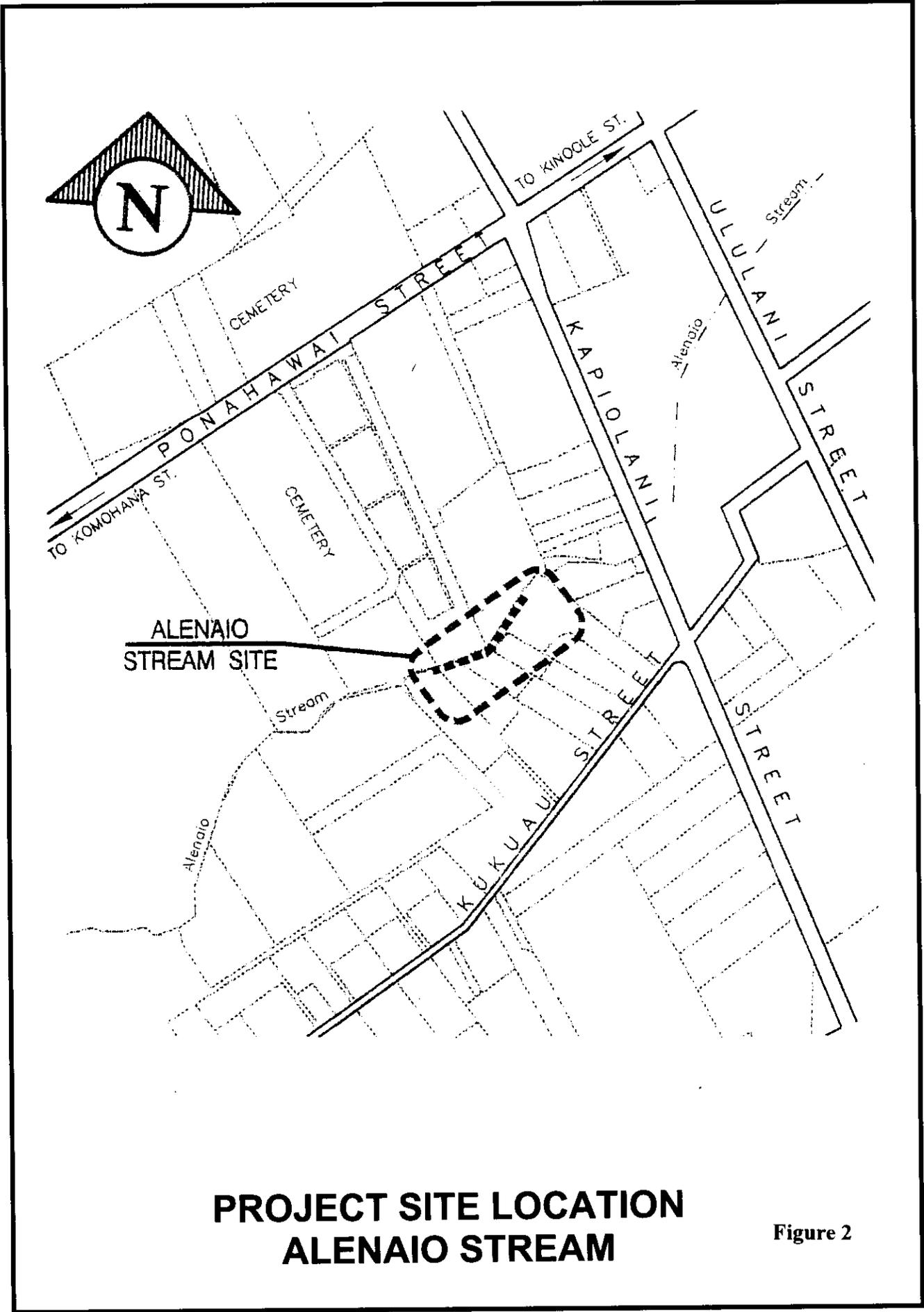
proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

11. COMMENTS AND INQUIRIES: Recipients of this Public Notice or other interested parties may submit in writing any comments that they have on the proposed issue of the permit. Comments or written inquiries may be sent by FAX to (808) 438-4060, or by mail to the address above. Comments must reach this District no later than 30 days from the date of this notice. Written inquiries and comments should refer to permit number 200100433. Further information may also be obtained from William Lennan, telephone (808) 438-6986. This Public Notice is posted on the Honolulu District web site at <http://www.pod.usace.army.mil/news/newsrel.htm/>

11. REQUEST FOR PUBLIC HEARING:

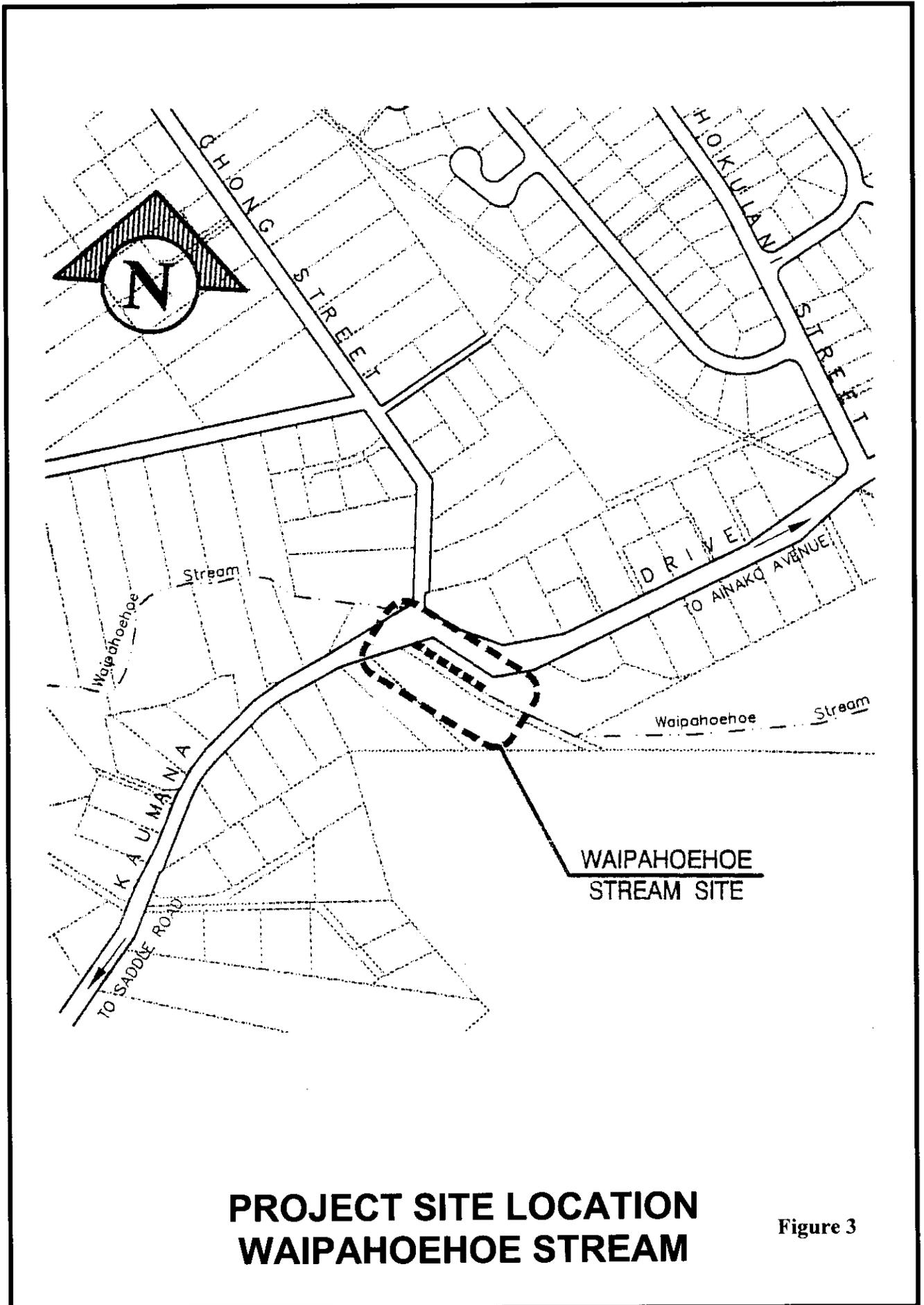
Any person may request, in writing, within 30 days from the date of this notice that a public hearing be held to consider the proposed general permit reissue. Requests for public hearing shall state clearly and concisely the reasons and rationale for holding a public hearing.

- Figure 1. Hilo Area
- Figure 2. Project Site Location, Alenaio Stream
- Figure 3. Project Site Location, Waipahoehoe Stream
- Figure 4. Alenaio Stream Plan and Profile
- Figure 5. Alenaio Stream Profile, Southern Bank
- Figure 6. Typical GRP Section Misc. Details
- Figure 7. Waipahoehoe Stream at Chong Street Plan
- Figure 8. Waipahoehoe Stream at Chong Street Baseline 1&2 Profile
- Figure 9. Waipahoehoe Stream at Chong Street CRM & GRP Walls Detail



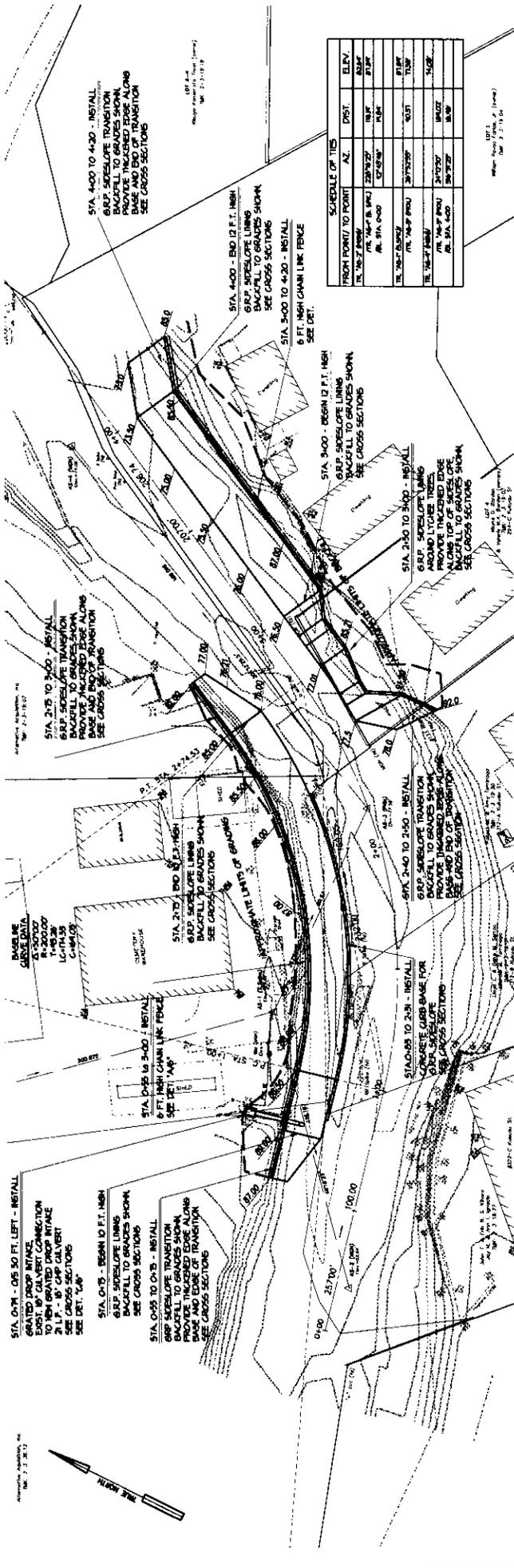
**PROJECT SITE LOCATION
ALENAIO STREAM**

Figure 2

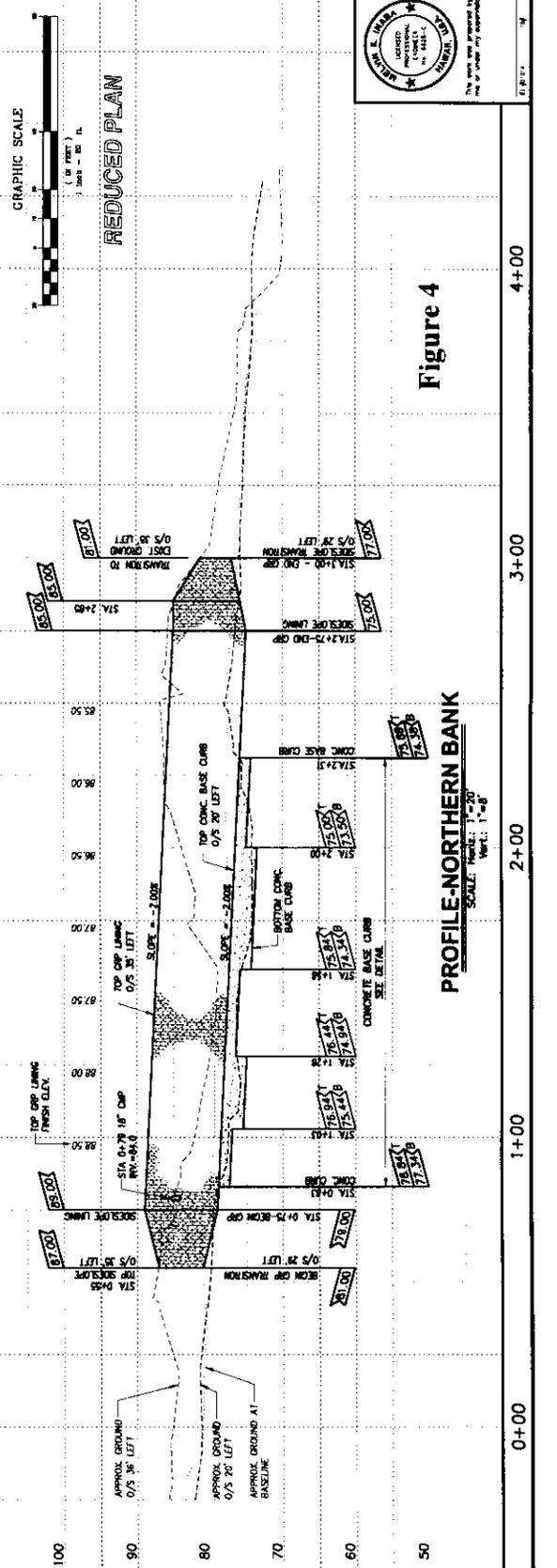


**PROJECT SITE LOCATION
WAIPAHOEHOE STREAM**

Figure 3



PLAN
SCALE: 1"=20'



PROFILE-NORTHERN BANK
SCALE: Horiz. 1"=20'
Vert. 1"=8'



REDUCED PLAN

INABA ENGINEERING, INC.
223 WAIKANAHE AVE., #102, WAIKANAHE, HI 96779
DEPT. OF PUBLIC WORKS - COUNTY OF HAWAII
ENGINEERING DIVISION
CHANNEL REPAIRS TO WAIKANAHE PALU, ALENAO
WAIKANAHE AND ALENAO STREAMS

APPROVED BY: _____
DATE: _____

PROJECT NO.: _____
SHEET NO.: 4 OF 12

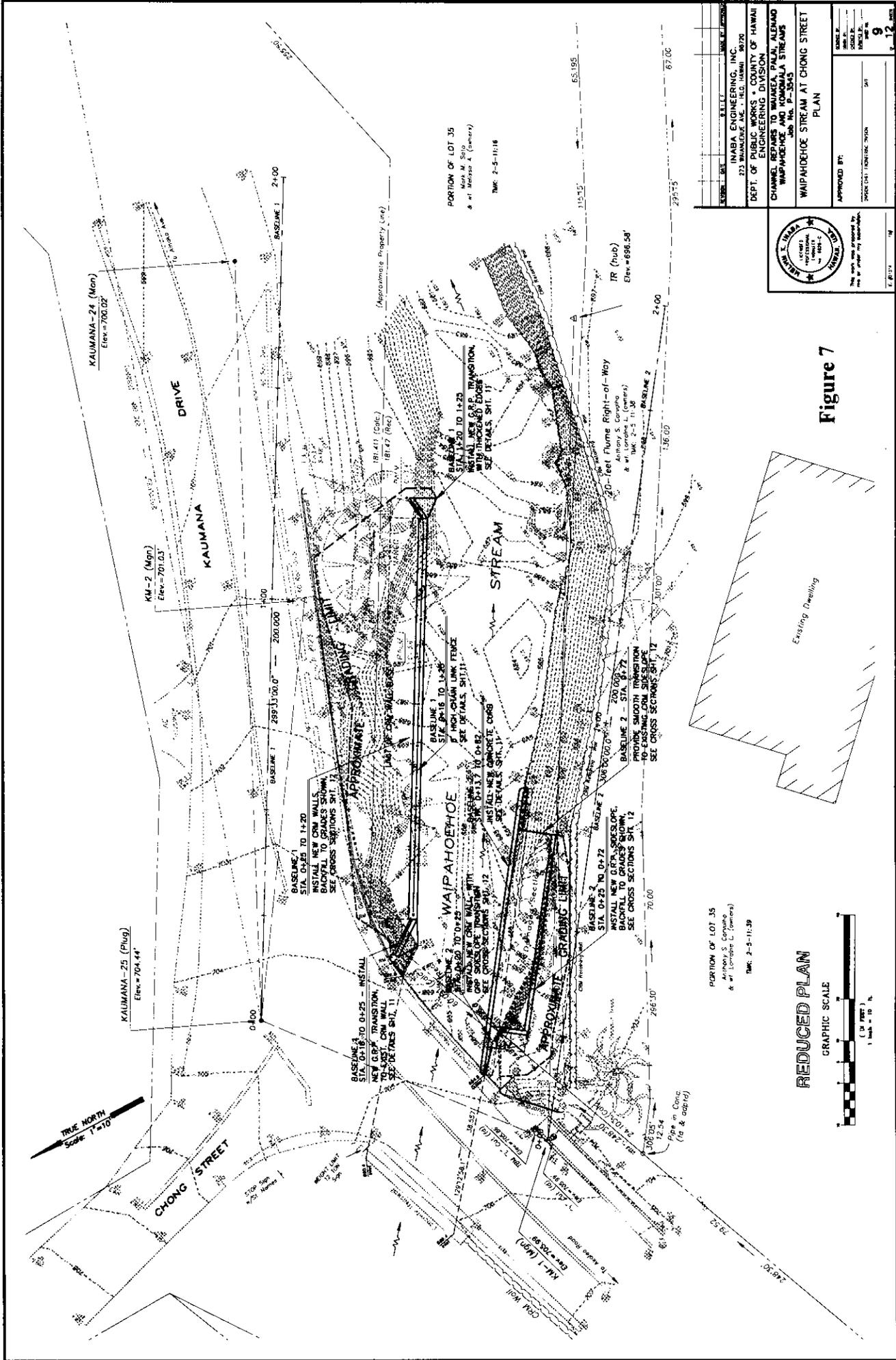


Figure 7

REDUCED PLAN
 GRAPHIC SCALE
 (1" = 10' FEET)
 1" = 100' H.A.

PORTION OF LOT 35
 Anthony S. Corquero
 & w/ Lorraine L. Corquero
 TRAC. 2-5-11-39

PORTION OF LOT 35
 Mark M. Sajo
 & w/ Melissa A. (owner)
 TRAC. 2-2-11-18

INABA ENGINEERING, INC.
 275 WAIANAE AVE., H.E.D. TOWER, #6720
 DEPT. OF PUBLIC WORKS - COUNTY OF HAWAII
 CHANGING CHANNELS OF STREAMS, ALIENADO
 WAIKANEHE AND KONA WAIANAE STREAMS
 JOB NO. P-3543

WAIPAHOEHOE STREAM AT CHONG STREET
 PLAN

APPROVED BY: _____
 PROJECT CHIEF: KONTAKA, TAYLOR
 DATE: _____

SCALE: _____
 SHEET NO. **9**
 OF **12**

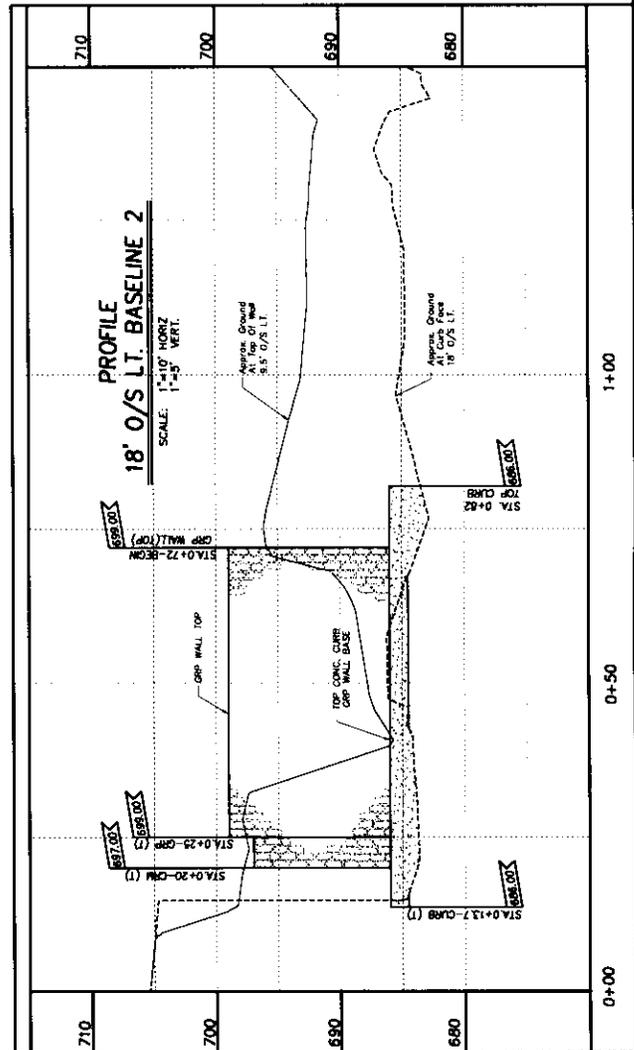
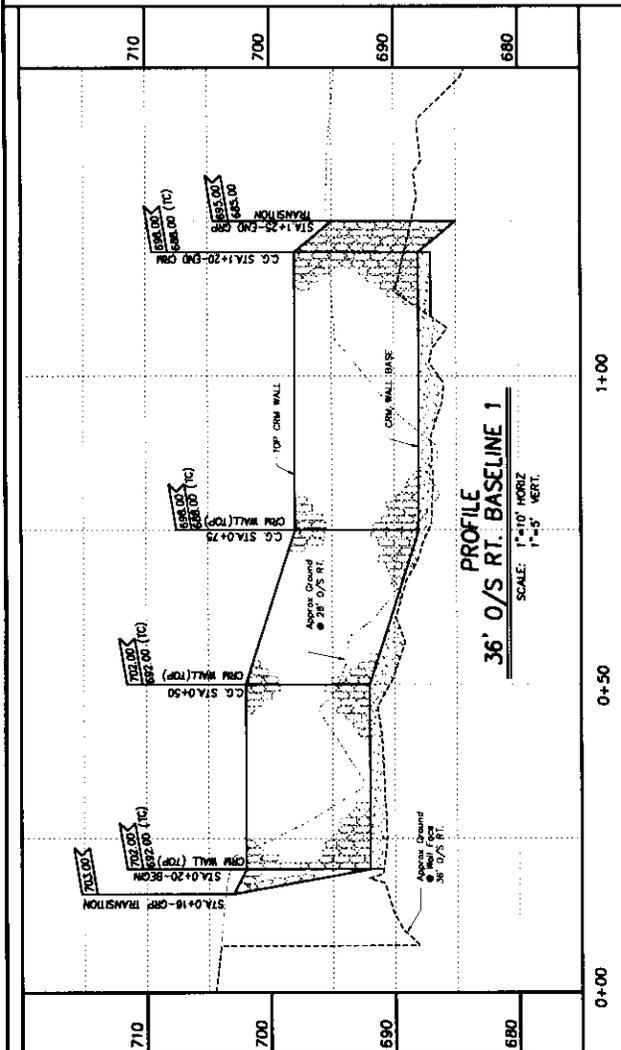


Figure 8



DRAWN BY: M. L. NABA
 CHECKED BY: M. L. NABA
 DATE: 10/12/00
 PROJECT: WAIPAHOE STREAM AT CHONG STREET
 SHEET NO. 10
 OF 12



